

AMPHIPOD NEWSLETTER 33

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Introduction

This newsletter mainly covers the amphipod literature for 2008, but some earlier overlooked earlier papers are included. I am more than ever dependent on the assistance of colleagues, as access to many of the journals has become more difficult. There have been no offers of takeover of the newsletter, so I'll soldier on for the time being.

As usual I am very grateful for much help with the bibliography, and Egor Vinogradov (Moskva) and Franz Krapp (Bonn) again deserve a special mention. Dr Young Hyo Kim (Cheonan) sent a very welcome bunch of reprints of recent Korean literature, and drs Ariyama and Tomikawa sent Japanese papers.

The next amphipod conference will be held in September 2010 in Sevilla, Spain and will be chaired by Dr José Guerra-Garcia (Sevilla), who no doubt will be willing to give further information (email address jmguerra@us.es).

Tromsø, 16 January 2009

Wim Vader

Bibliography

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ALONSO DE PINA, G. M., M. RAUSCHERT & C. DE BROYER 2008. A catalogue of the Antarctic and sub-Antarctic Phoxocephalidae (Crustacea: Amphipoda: Gammaridea) with taxonomic, distribution and ecological data. ---- *Zootaxa* 1752, 1-40. (A most useful survey of the 35 species in this family that have been reported from this area.)

ANDERSON, B. S., S. LOWE, B. M. PHILLIPS, J. W. HUNT, J. VOORHEES, S. CLARK & R. S. TJEERDEMA 2008. Relative sensitivities of toxicity test protocols with the amphipods *Eohaustorius estuarius* and *Ampelisca abdita*. ---- *Ecotoxicology and Environmental Safety* 69, 24-31.

- ANTEAU, M. J. 2006. *Ecology of lesser scaup and amphipods in the upper-Midwest. Scope and mechanisms of the Spring Condition Hypothesis and implications for migration habitat conservation*.----PhD Thesis, Louisiana State University, Baton Rouge (Not seen)
- ANTEAU, M. J. & A. D. AFTON 2008. Amphipod densities and indices of wetland quality across the upper-Midwest, USA. --- *Wetlands* 28, 184-196. (There has been a general decrease in amphipod (*Gammarus lacustris* and *Hyaella azteca*) densities in the area)
- AONO, A. & I. TAKEUCHI 2008. Effects of tributyltin at concentrations below ambient levels in seawater on *Caprella danilevskii* (Crustacea: Amphipoda: Caprellidae). ---- *Marine Pollution Bulletin* 57, 515-523. (No great mortality, but a significant effect on fecundity)
- ARBACIAUSKAS, K. 2008. Amphipods of the Nemunas river and the Curonian lagoon, the Baltic Sea basin. Where and which native freshwater amphipods persist? ---- *Acta Zoologica Lituanica* 18, 10-16. (The only native amphipod persisting is *Gammarus varsoviensis*.)
- ARBACIAUSKAS, K. 2008. *Synurella ambulans* (F, Müller, 1846), a new native amphipod species of Lithuanian waters. ---- *Acta Zoologica Lituanica* 18, 66-68.
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- ARIYAMA, H. 2008. A new genus and species of Kamakidae (Crustacea: Amphipoda) from Isahaya Bay, western Japan. ---- *Species Diversity* 13, 175-185. (Deals with *Heterokamaka isahayae* n. gen., n. sp.)
- ASHTON, G. V., M. I. STEVENS, M. C. HART, D. H. GREEN, M. T. BURROWS, E. J. COOK & K. J. WILLIS 2008. Mitochondrial DNA reveals multiple Northern Hemisphere introductions of *Caprella mutica* (Crustacea, Amphipoda). ---- *Molecular Ecology* 17, 1293-1303.
- ASLAN-CIHANGIR, H., M. SEZGIN & S. TUNCER 2008. New records of two species of amphipods, *Melphidippella macra* (Norman, 1869) and *Monocorophium sextonae* (Crawford, 1937) for Turkish seas. ---- *Crustaceana* 82, 111-116. (Both found in the Dardanelles)

- BACELA, K., M. GRABOWSKI & A. KONOPACKA 2008. *Dikerogammarus villosus* (Sowinsky, 1894) (Crustacea, Amphipoda) enters Vistula—the biggest river in the Baltic basin. ---- *Aquatic Invasions* 3, 95-98
- BAILEY, R. J. E., J. T. A. DICK, R. W. ELWOOD & C. MacNEIL 2006. Predatory interactions between the invasive amphipod *Gammarus tigrinus* and the native opossum shrimp *Mysis relicta*. ---- *Journal of the North American Benthological Society* 25, 393-405.
- BAKIR, K., T. KATAGAN & M. SEZGIN 2008. *Parhyale explorator* Arresti, 1989 (Amphipoda: Talitroidea): first Mediterranean record of this Atlantic amphipod. ---- *Crustaceana* 81, 557-562.
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- GLADSTONE, W., N. HACKING & V. OWEN 2006. Effects of artificial openings of intermittently opening estuaries on macroinvertebrate assemblages of the entrance barrier. ---- *Estuarine Coastal and Shelf Science* 67, 708-720. (An Australian study)
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- GRABOWSKI, M., K. BACELA & R. WATTIER 2007. *Dikerogammarus villosus* (Sowinsky, 1894) (Crustacea, Amphipoda) colonizes next alpine lake—Lac du Bourget, France. ---- *Aquatic Invasions* 2, 268-271.
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- GUMULIAUSKAITE, S. & K. ARBACIAUSKAS 2008. The impact of the invasive Caspian amphipod *Pontogammarus robustoides* on littoral communities in Lithuanian lakes. ---- *Hydrobiologia* 599, 127-134. (A nice study, comparing areas with and without *Pontogammarus*)
- HAUKAAS, M., U. BERGER, H. HOP, B. GULLIKSEN & G. W. GABRIELSEN 2007. Bioaccumulation of per- and polyfluorated alkyl substances (PFAS) in selected species from the Barents Sea food web. ---- *Environmental Pollution* 148, 360-371. (i.a. *Gammarus wilkitzkii*)
- HENZLER, C. M. & A. INGOLFSSON 2008. The biogeography of the beachflea, *Orchestia gammarellus* (Crustacea, Amphipoda, Talitridae), in the North Atlantic with special reference to Iceland: a morphometric and genetic study. ---- *Zoologica Scripta* 37, 57-70.
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- HOGUET, J. & P. B. KEY 2008. Baseline activities of four biomarkers in three life-stages of the amphipod, *Leptocheirus plumulosus*. ---- *Journal of Environmental Sciences and Health B* 43, 465-470. (Not seen)
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Cerapus sp. A, *Paraloiloi* sp. A, *Harpiniopsis vadiculus*, *Birubius nauarchuncus* n. sp., and *Podocerus cuspidatus* n. sp.)

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ISSARTEL, J., Y. VOITURON & F. HERVANT 2007. Impact of temperature on the survival, the activity and the metabolism of the cave-dwelling *Niphargus virei*, the ubiquitous stygobiotic *N. rhenorhodanensis* and the surface dwelling *Gammarus fossarum* (Crustacea, Amphipoda). ---- *Subterranean Biology* 5, 9-14.

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JAUME, D., F. GRACIA & G. A. BOXSHALL 2007. New genera of Bogidiellidae (Amphipoda: Gammaridea) from SW Pacific and Mediterranean marine caves. ---- *Journal of Natural History* 41, 419-444. (*Fidelidiella* n. gen. for *F. pectinata* n. sp. from Lifou, Loyalty islands, *Racovella* n. gen. for *R. birramea* n. sp. from Mallorca, Balearic islands, both from marine or anchialine caves.

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JUNG, J. & W. KIM 2008. Newly recorded lysianassid species, *Orchomene japonicus* (Crustacea: Amphipoda) from Korea.. ---- *Korean Journal of Systematic Zoology* 24, 139-142. (With complete description; from 'washings of sea squirts').

- JUNG, J. & W. KIM 2008. New record of *Sinocorophium sinensis* (Crustacea: Amphipoda: Corophiidae) in Korea. ---- *Korean Journal of Systematic Zoology* 23, 241-245. (With description. The correct name of this taxon is *S. sinense*)
- KAARIJAINEN, J. I. & B. J. BETT 2006. Evidence for benthic body size miniaturization in the deep sea. ---- *Journal of the Marine Biological Association UK* 86, 1339-1345.
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- KEIL, S., C. DE BROYER & G. P. ZAUKE 2008. Significance and interspecific variability of accumulated trace metal concentrations in Antarctic benthic crustaceans, ---- *International Review of Hydrobiology* 93, 106-126.
- KILGALLEN, N. M., A. A. MYERS & D. McGRATH 2007. The genus *Sophrosyne* (Crustacea: Amphipoda: Lysianassoidea) in the North Atlantic, with a confirmation of the status of *S. robertsoni*. ---- *Journal of the Marine Biological Association UK* 87, 1243-1246. (Deals with *S. robertsoni*, a valid species, and *S. hispana*.)
- KIM, Y. H., Y. EUN & K. S. LEE 2005. Amphipods (Gammaridea and Caprellidea) fauna of Jindo Island in Korea. ---- *The Korean Journal of Systematic Zoology, Special Issue* 5, 1-11. (35 spp, among them *Photis longicaudata*, new to Korean waters.)
- KIM, Y. H., Y. EUN & K. S. LEE 2006. Two new records of Dexaminidae (Crustacea: Amphipoda) from Korea. ---- *Korean Journal of Systematic Zoology* 22, 37-49. (*Paradexamine fraudatrix* and *P. gigas*)
- KIM, Y.-H. & K.-S. LEE 2008. Two newly recorded species of *Pareurystheus* (Crustacea: Amphipoda: Corophiidae) from Korea. ---- *Korean Journal of Systematic Zoology* 24, 107-114. (Deals with *P. latipes* and *P. anamae*.)
- KIM, Y.-H. & K.-S. LEE 2008. A new species of the genus *Paradexamine* (Crustacea: Amphipoda: Dexaminidae) from Korea. ---- *Animal Cells and Systems* 12, 157-161. (Deals with *Paradexamine jindoensis* n. sp. from Jindo island, Korea)
- KINZLER, W. & G. MAIER 2006. Selective predation by fish: a further reason for the decline of native gammarids in the presence of invasives?. ---- *Journal of Limnology* 65, 27-34. (Not seen)
- KLEY, A. & G. MAIER 2006. Reproductive characteristics of invasive gammarids in the Rhine-Main-Danube catchment, South Germany. ---- *Limnologica* 36, 79-90 (*Dikerogammarus bispinosus*, *D. haemobaphes*, *D. villosus*, *Echinogammarus berilloni* and *E. ischnus*.)

- KNOPF, F., S. KOENEMANN, F. R. SCHRAM & C. WOLFF 2006. The urosome of the Pan- and Peracarida. ---- *Contributions to Zoology* 75, 1-21.
- KOBAC, J. & J. ZYTKOWICZ 2007. Preferences of invasive Ponto-Caspian and native European gammarids for zebra mussel (*Dreissena polymorpha*). ---- *Hydrobiologia* 589, 43-54.
- KOLANOWSKI, W., A. STOLYHWO & M. GRABOWSKI 2007. Fatty acid composition of selected fresh water gammarids (Amphipoda, Crustacea); A potentially innovative source of Omega-3 LC PUFA. ---- *Journal of the American Oil Chemical Society* 84, 827-833.
- KRÅNG, A.-S. 2007. Naphthalene disrupts pheromone induced mate search in the amphipod *Corophium volutator* (Pallas). ---- *Aquatic Toxicology* 85, 9-18.
- KRAPP-SCHICKEL, T. 2008. What has happened with the *Maera*-clade (Crustacea: Amphipoda) during the last decades?---- *Bollettino del Museo Civico di Storia Naturale di Verona* 32, 3-32. (This important paper summarizes the work done, primarily by the present author, and present diagnoses and species lists for the following genera (in chronological order): *Maera*, *Ceradocus*, *Elasmopus*, *Maeropsis*, *Linguimaera* (with *L. zeidler* n.sp. from Sellick's Beach, S.Austr.), *Meximaera*, *Ceradomaera*, *Anamaera*, *Maeracoota*, *Quadrimaera*, *Othomaera*, *Zygomaera*, *Austromaera* and *Hamimaera* n.gen., type species *Maera hamigera*, further species *H. bidentata* and ?*H. othonopsis*, both transferred from *Maera*. The family Maeridae is erected for the entire group of genera.)
- KRAPP-SCHICKEL, T. 2008. On the genera *Meximaera*, *Ruffomaera* gen. nov., *Maeropsis* and *Ceradocus* from Atlantic coasts (Amphipoda: Melitidae). ---- *Journal of the Marine Biological Association UK* 88, 1425-1432. (Deals with *Meximaera diffidentia*, *M. briani* n. sp. (Ascension Island), *Ruffomaera* n. gen (type *Maera williamsi*), *R. williamsi*, *R. cf williamsi*, *Maeropsis cf perrieri* and *Ceradocus breweri*, transferred from *Gammarus*).
- KRAPP, T., M. RAMPIN & A. LIBERTINI 2008. A cytogenetic study of Ischyroceridae (Amphipoda) allows the identification of a new species, *Jassa cadetta* sp.n., in the lagoon of Venice. ---- *Organisms, Diversity & Evolution* 8, 337-345.
- KRISTJANSSON, B. K. & J. SVAVARSSON 2007. (Groundwater amphipods in Iceland.) -- *Natturufraedingurinn* 76, 22-28 (In Icelandic, not seen).
- KUKHAREV, V. I., T. N. POLYAKOVA & A. V. RYABINKIN 2008. (The distribution of the Baikalian amphipod *Gmelinoides fasciatus* (Amphipoda, Crustacea) in Lake Onega.) ---- *Zoologicheskij Zhurnal* 87, 1270-1273. (In Russian)
- KUMAGAI, N. H. 2008. Role of food source and predator avoidance in habitat specialization by an octocoral-associated amphipod. ---- *Oecologia* 155, 739-749. (*Incisocalloipe symbioticus* derives mostly protection from its host, *Melithaea flabellifera*, not so much food.)
- KURASHOV, E. A. & M. A. BARBASHOVA 2008. First record of the invasive Ponto-Caspian amphipod *Pontogammarus robustoides* G. O. Sars, 1894 from Lake Ladoga, Russia. ---- *Aquatic Invasions* 3, 253-256.

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LAGRUE, C & L. BOLLACHE 2006. Effects of temperature on persistence times of native and invasive gammarid species in the stomachs of bullhead, *Cottus gobio*. ---- *Journal of Fish Biology* 68, 318-322.

LAGRUE, C., N. KALDONSKI, M. J. PERROT-MINNOT, S. MONTREUIL & L. BOLLACHE 2007. Modification of hosts' behavior by a parasite: field evidence for adaptive manipulation. ---- *Ecology* 88, 2839-2847. (*Pomphorhynchus laevis* manipulates the drifting behaviour of *Gammarus pulex*, but not that of *G. roeseli*!)

LANE, A. L. & J. KUBANEK 2008. *Secondary metabolite defenses against pathogens and biofoulers*. ---- Pp 229-243 in C. D. Amsler (ed.). *Algal Chemical Ecology*. Springer Berlin Heidelberg. (Not seen)

LASTRA, M., H. M. PAGE, J. E. DUGAN, D. M. HUBBARD & I. F. RODIL 2008. Processing of allochthonous macrophyte subsidies by sandy beach consumers: estimates of feeding rates and impacts on food resources. ---- *Marine Biology* 154, 163-174. (Studies on *Megalorchestia corniculata* in California and *Talitrus saltator* in Galicia, Spain.)

LEE, K. S. & S. S. HONG 2008. *Caprella* fauna (Amphipoda: Caprellidae) from off Yeonggwang, Korea. ---- *Korean Journal of Systematic Zoology* 24, 155-160. (Deals with 8 spp of *Caprella*, among which *C. chelimana* is fully illustrated.)

LEGEZYNSKA, J. 2008. Food source partitioning among Arctic sublittoral lysianassoid amphipods in summer. ---- *Polar Biology* 31, 663-670. (Deals with *Anonyx nugax*, *A. sarsii*, *Onisimus caricus*, *O. edwardsii* and *Orchomenella minuta*.)

LEITE, F. P. P., M. O. TANAKA, S. B. SUDATTI & R. S. GEBARA 2007. Diel density variation of amphipods associated with *Sargassum* beds from two shores of Ubatuba, Southeastern Brazil. ---- *Iheringia, Ser. Zoologia, Porto Alegre* 97, 400-405.

LERA, S., S. MACCHIA, L. DENTONE & D. PELLEGRINI 2008. Variations in sensitivity of two populations of *Corophium orientale* (Crustacea: Amphipoda) towards cadmium and sodium laurylsulphate. ---- *Environmental Monitoring and Assessment* 136, 121-127.

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LIM, B.-J., J.-Y. PARK & G.-S. MIN, 2008. New record of two species of *Jassa* from Korea (Crustacea: Amphipoda: Ischyroceridae). ---- *Korean Journal of Systematic Zoology* 24, 219-223. (Deals with *Jassa morinoi* and *J. marmorata*, both fully illustrated.)

- LINDSAY, D. J. & I. TAKEUCHI 2008. Associations in the deep-sea benthopelagic zone: the amphipod crustacean *Caprella subtilis* (Amphipoda: Caprellidae) and the holothurian *Ellipinion kumai* (Elasipodida: Elpidiidae). ---- *Scientia Marina* 72, 519-526.
- LODS-CROZET, B. & O. REYMOND 2006. Bathymetric expansion of an invasive gammarid (*Dikerogammarus villosus*, Crustacea, Amphipoda) in Lake Léman. ---- *Journal of Limnology* 65, 141-144.
- LONGENECKER., K. & H. BOLICK 2007. A new species of *Pseudambasia* (Crustacea: Amphipoda: Lysianassidae) from Hawaii, with a key to species in the genus. ---- *Bishop Museum Occasional Papers* 95, 3-8. (*P. kalaupapa* n. sp. from Molokai, Hawaii).
- LÖRZ, A.-N. 2008. Epimeriidae (Crustacea, Amphipoda) from New Zealand with a description of as new species. ---- *Zootaxa* 1847, 49-61. (*Epimeria horsti* n.sp. from NZ seamounts, while the little known *E. bruuni* is redescribed. A key to NZ *Epimeria* is provided)
- LOURIDO, A., J. MOREIRA & J. S. TRONCOSO 2008. Assemblages of peracarid crustaceans in subtidal sediments from the Ria de Aldán (Galicia, NW Spain). ---- *Helgoland Marine Research* 62, 289-301.
- LOWRY, J. K. & B. A. R. AZMAN 2008. A new genus and species of cyproideid amphipod associated with unstalked crinoids on the Great Barrier Reef, Australia. ---- *Zootaxa* 1760, 59-68. (*Gbroidea dingaalana* n. gen., n. sp. (Cyproideidae) from Lizard Island, Queensland, associated with the crinoids *Comathus briareus*, *Comatula rotalaria* and *Zygometra microdiscus*.)
- LOWRY, J. K. & C. DE BROYER 2008. Alicellidae and Valettiopsidae, two new callynophorate families (Crustacea: Amphipoda). ---- *Zootaxa* 1843, 57-66. (The Alicellidae contain *Alicella*, *Apotectonia*, *Diatectonia*, *Paralicella*, *Tectoalopsis* and *Transtectonia*, while *Valettiopsis* and *Valettietta* constitute the Valettiopsidae. Keys to the genera are provided. *Valettiopsis ruffoi* is provisionally transferred to *Tectoalopsis*.)
- LOWRY, J. K. & W. ZEIDLER 2008. *Thurstonella*, replacement name for the Antarctic amphipod genus *Clarencia* K. H. Barnard, 1931 (Crustacea, Amphipoda, Thurstonellidae), preoccupied by *Clarencia* Sloane, 1917 (Insecta, Coleoptera, Carabidae). ---- *Zootaxa* 1840, 67-68.
- MAAZOUZI, C., G. MASSON, M. S. IZQUIERDO & J.-C. PIHAN 2007. Fatty acid composition of the amphipod *Dikerogammarus villosus*: feeding strategies and trophic links. - - *Comparative Biochemistry and Physiology A* 147, 868-875. (Not seen)
- MAAZOUZI, C., G. MASSON, M. S. IZQUIERDO & J.-C. PIHAN 2008. Chronic copper exposure and fatty acid composition of the amphipod *Dikerogammarus villosus*: Results from a field study. ---- *Environmental Pollution* 156, 221-226..
- MACAYA, E. C. & M. THIEL 2008. *In situ* tests on inducible defenses in *Dictyota kunthii* and *Macrocystis integrifolia* (Phaeophyceae) from the Chilean coast. ---- *Journal of Experimental Marine Biology and Ecology* 354, 28-38.

- MACNEIL, C., D. PLATVOET & J. T. A. DICK 2008. Potential roles for differential body size and microhabitat complexity in mediating biotic interactions within invasive freshwater amphipod assemblages. ---- *Fundamental and Applied Limnology* 172, 175-182. (Not seen)
- MALYAVIN, S. A., N. A. BEREZINA & J.-S. HWANG 2008. (A finding of *Chelicorophium curvispinum* (Amphipoda, Crustacea) in the Gulf of Finland, the Baltic Sea.) ---- *Zoologicheskyy Zhurnal* 87, 643- 649. (In Russian)
- MANN, R. M. & R. V. HYNE 2008. Embryological development of the Australian amphipod, *Melita plumulosa* Zeidler, 1989 (Amphipoda, Gammaridea, Melitidae). ---- *Crustaceana* 81, 57-66.
- MARCHINI, A., S. CARONNI & A. OCCHIPINTI-AMBROGI 2008. Size variations of the amphipod crustacean *Melita palmata* in two Adriatic lagoons: Goro and Lesina. ---- *Transitional Waters Bulletin* 1, 1-12
- MARCHINI, A., R. SCONFIETTI & T. KRAPP-SCHICKEL 2007. Role of the artificial structures on biodiversity: the case of the arthropod fauna in the North Adriatic lagoons. ---- *Studi Trentini di Scienze Naturali, Acta Biologica* 83, 27-31. (With first record of *Ampithoe ferox* for the Adriatic Sea.)
- MARTINEZ, J. & I. ADARRAGA 2008. First record of invasive caprellid *Caprella scaura* Templeton, 1836 sensu lato (Crustacea: Amphipoda: Caprellidae) from the Iberian peninsula. ---- *Aquatic Invasions* 3, 165-171.
- MASTITSKY, S. E. & O. A. MAKAREVICH 2007. Distribution and abundance of Ponto-Caspian amphipods in the Belorussian section of the Dniepr River. ---- *Aquatic Invasions* 2, 39-44. (Not seen)
- MATSUO, M., H. SUDO, M. AZUMA, H. KONDO & A. TAMAKI 2007. (Division of substrate groups and gammaridean amphipod assemblages in sublittoral Ariake Sound (Japan): A comparison between 1997 and 2002.) ---- *Bulletin of the Faculty of Fisheries, Nagasaki University* 88, 1-42 (In Japanese, not seen)
- MAUTNER, S. I., K. A. COOK, M. R. FORBES, D. G. McCURDY & A. M. DUNN 2007. Evidence for sex ratio distortion by a new microsporidian parasite of a Corophiid amphipod. - --- *Parasitology* 134, 1567-1573. (Not seen)
- MAYER, G., G. MAIER, A. MAAS & D. WALOSZEK 2008. Mouthparts of the Ponto-Caspian invader *Dikerogammarus villosus* (Amphipoda: Pontogammaridae). ---- *Journal of Crustacean Biology* 28, 1-15.
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PICONE, M., M. BERGAMIN, A. N. ALESSANDRA, S. NOVENTA, E. DELANEY, A. BARBANTI & A. VOLPI GHIRARDINI 2008. Evaluation of *Corophium orientale* as bioindicator for Venice Lagoon: Sensitivity assessment and toxicity-score proposal. ---- *Ecotoxicology and Environmental Safety* 70, 174-184.

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- POORE, A. G. B., N. A. HILL & E. E. SOTKA 2007. Phylogenetic and geographic variation in host breadth and composition by herbivorous amphipods in the family Ampithoidae. ---- *Evolution* 62, 21-38.
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- POTYUTKO, O. M. 2008. (Fauna of benthos in the littoral zone of Curonian Bay of the Baltic Sea southern coast.) ---- *Zoologicheskyy Zhurnal* 87, 1180-1191. (In Russian).
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- RUENSIRIKUL, J., S. ANGSPANICH & A. PHONGDARA 2007. (Abundance and diversity of amphipod crustaceans in the Upper Songkhla Lagoon.) ---- *Songklanarakarin Journal of Science and Technology* 29, 1225-1249. (In Thai, not seen. 16 spp found)

SAKAMAKI, T. & J. S. RICHARDSON 2008. Retention, breakdown, and biological utilisation of deciduous tree leaves in an estuarine tidal flat of southwestern British Columbia, Canada. ---- *Canadian Journal of Fisheries and Aquatic Sciences* 65, 38-46.

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SCINTO, A., G. BAVESTRELLO, M. BOYER, M. PREVIATI & C. CERRANO 2008. Gorgonian mortality related to a massive attack by caprellids in the Bunaken Marine Park (North Sulawesi, Indonesia). ---- *Journal of the Marine Biological Association UK* 88, 723-727. (*Metaprotella sandalensis*)

SEMENCHENKO, V. & V. VEZHNIVETZ 2008. Two new invasive Ponto-Caspian amphipods reached the Pripyat River, Belarus. ---- *Aquatic Invasions* 3, 445-447. (*Obesogammarus crassus* and *O. obesus*)

SENNA, A. R. 2007. *Lysianopsis concavus* Senna, 2007. ---- in H. P. Lavredo & M.-S. Viana (eds). Atlas de invertebrados marinhos de região central de Zona Econômica Exclusiva Brasileira. Parte 1. Museu Nacional, Rio de Janeiro, Série Livros 25, 182 pp. (Not seen. The correct name for this new species is *L. concava*, the genus being of feminine gender.)

SENNA, A. R. & C. S. SEREJO 2008. Amaryllididae and Lysianassidae (Amphipoda: Lysianassoidea) from off the central coast of Brazil (11°S-22°S), with descriptions of three new species. ---- *Zootaxa* 1718, 45-68. (Deals with *Amaryllis atlantica* n. sp. (14°57'S, 38°51'W), *Bonassa brasiliensis* n. sp. (16°47'S, 37°41'W), *Lysianassa danai* n. sp. (16°47'S, 37°41'W) and *Lysianopsis concavus* (recte: *concava*) Senna, 2007. Keys to Brazilian Lysianassoidea families, and Lysianassidae species are included)

SEREJO, C. S. & J. K. LOWRY 2008. The coastal Talitridae (Amphipoda: Talitroidea) of southern and western Australia, with comments on *Platorchestia platensis* (Krøyer, 1845). --- *Records of the Australian Museum* 60, 161-206. (Deals with *Australorchestia* n. gen. (type sp. *A. occidentalis*), *A. occidentalis* n. sp. (Carnarvon, W.Austr.), *Bellorchestia* n. gen. (type sp. *B. richardsoni* n.sp., 6 further spp), *B. richardsoni* n. sp. (Point Ricardo, Victoria) , *Notorchestia* n. gen. (type sp. *N. lobata* n. sp., 3 further spp), *N. australis* (transferred from *Orchestia*), *N. lobata* n. sp. (Encounter Bay, S.Austr.), *N. naturaliste* n. sp. (C. Naturaliste, W. Austr.), *Platorchestia paraplatisensis* n. sp. (Swan River, W.Austr.), *P. platensis* (topotypic material from Montevideo), *Protorchestia ceduna* n. sp. (Ceduna, S.Austr.), and *Transorchestia marlo* n. sp. (Separation Creek, Victoria). A key to the coastal spp is provided. Interestingly, this paper is largely illustrated with (excellent) SEM photographs.)

SHIN, M.-H., I.-H. KIM & K. S. LEE 2005. Three species of gammaridean amphipods (Crustacea) associated with cultured abalones (Gastropoda) in Korea. ---- *The Korean Journal*

of *Systematic Zoology* 21, 157-169. (The amphipods are *Elasmopus rapax* (new to Korea), *Ampithoe valida*, and *Melita rylovae*. The associations are considered to be incidental.)

SHUHAIMI-OTHTMAN, M. 2008. Metals concentrations in the sediments of Richard Lake, Sudbury, Canada and sediment toxicity in an amphipod *Hyalella azteca*. ---- *Journal of Environmental Science and Technology* 1, 34-41.

SHUHAIMI-OTHTMAN, M. & D. PASCOE 2007. Bioconcentration and depuration of copper, cadmium, and zinc mixtures by the freshwater amphipod *Hyalella azteca*. ---- *Ecotoxicology and Environmental Safety* 66, 29-35.

SIMS, J. G. & J. A. STEEVENS 2007. The role of metabolism in the toxicity of 2,4,6-trinitrotoluene and its degradation products to the aquatic amphipod *Hyalella azteca*. ---- *Ecotoxicology and Environmental Safety* xx, xxx-xxx..

SIMCIC, T. & A. BRANCELJ 2007. The effect of light on oxygen consumption in two amphipod crustaceans—the hypogean *Niphargus stygius* and the epigean *Gammarus fossarum*. ---- *Freshwater Behaviour and Physiology* 40, 141-150.

SKET, B. 2008. Can we agree on an ecological classification of subterranean animals? ---- *Journal of Natural History* 42, 1549-1563. (The author proposes a classification into troglobionts, eutroglophiles, subtroglophiles and troglonexes.)

SMALE, D. A. 2008. Ecological traits of benthic assemblages in shallow Antarctic waters. Does ice scour disturbance select for small, mobile, secondary consumers with high dispersal potential? ---- *Polar Biology* 31, 1225-1231.

SOLIMAN, Y. & M. WICKSTEN 2007. *Ampelisca mississippiana*: a new species (Crustacea: Amphipoda: Gammaridea) from the Mississippi Canyon (Northern Gulf of Mexico). ---- *Zootaxa* 1389, 45-54. (A synoptic table gives the differences with *A. gibba*, *A. mexicana*, *A. pugetica* and *A. uncinata*.)

SON, T. C. van & M. THIEL 2006. Multiple predator effects in an intertidal food web. ---- *Journal of Animal Ecology* 75, 25-32. (The prey studied was *Hyale maroubrae*.)

SOUZA-FILHO, J. F. de & C. S. SEREJO 2008. A new species of *Curidia* (Crustacea: Amphipoda: Ochlesidae) from northeastern Brazil. ---- *Scientia Marina* 72, 213-220. (*C. wakabarae* n.sp. from Fernando de Noronha archipelago. A key to all *Curidia* spp is provided)

SPADARO, D. A., T. MICEVSKA & S. L. SIMPSON 2008. Effect of nutrition on toxicity of contaminants to the epibenthic amphipod *Melita plumulosa*. ---- *Archives of Environmental Contamination and Toxicology* 55, 593-602.

SPEYBROEK, J., J. VAN TOMME, M. VINCX & S. DEGRAER 2008. In situ study of the autecology of the closely related, co-occurring sandy beach amphipods *Bathyporeia pilosa* and *Bathyporeia sarsi*. ---- *Helgoland Marine Research* 62, 257-268. (A Belgian study)

- SPICER, J. I. & U. JANAS 2006. The beachflea *Platorchestia platensis* (Krøyer, 1845): a new addition to the Polish fauna (with a key to Baltic talitrid amphipods). ---- *Oceanologia* 48, 287-295.
- STILLMAN, J. H., J. K. COLBOURNE, C. E. LEE, N. H. PATEL, M. R. PHILLIPS, D. W. TOYLE, B. D. EADS, G. W. GELEMBUIK, R. P. HENRY, E. A. JOHNSON, M. E. PFRENDER & N. B. TERWILLIGER 2008. Recent advances in crustacean genomics. ---- *Integrative and Comparative Biology* 48, 852-868.
- SUROWIEC, J. & A. DOBRZYCKA-KRAHEL 2008. New data on the non-indigenous gammarids in the Vistula Delta and the Vistula Lagoon. ---- *Oceanologia* 50, 443-447.
- TAYLOR, R. B. & P. D. STEINBERG 2005. Host use by Australasian seaweed mesograzers in relation to larger grazers. ---- *Ecology* 86, 2955-2967.
- TAYLOR, R. B. & P. J. BROWN 2006. Herbivory in the gammarid amphipod *Aora typica*: relationships between consumption rates, performance and abundance across ten seaweed species. ---- *Marine Biology, Berlin* 149, 455-463.
- TIMOFEEV, M. & Z. SHALTILINA 2007. Different preference reactions of three Lake Baikal endemic amphipods to temperature and oxygen are correlated with symbiotic life. ---- *Crustaceana* 80, 129-138. (*Eulimnogammarus verrucosus*, *E. vittatus*, and the sponge associate *Brandtia parasitica*.)
- TIMOFEYEV, M. A., Z. M. SHATILINA, D. S. BEDULINA, M. V. PROTOPOPOVA, V. V. PAVLICHENKO, O. I. GRABELNYCH & A. V. KOLESNICHENKO 2008. Evaluation of biochemical responses in Palearctic and Lake Baikal endemic amphipod species exposed to CdCl₂. ---- *Ecotoxicology and Environmental Safety* 70, 99-105.
- TOMIKAWA, K. 2008. Two new records of anisogammarid amphipods (Crustacea: Amphipoda: Gammaridea) from Japan. ---- *Species Diversity* 13, 35-51. (Deals with *Barrowgammarus macginitiei* and *Spasskogammarus spasskii*, both new to Japan.)
- d'UDEKEM d'ACQZ, C. 2008. Shelf and abyssal *Liljeborgia* Bate, 1861 of the Southern Ocean (Crustacea, Amphipoda, Liljeborgiidae). ---- *Bulletin de l'Institut Royal des Sciences Naturelles de Belgique* 78, 45-286. (This magistral monograph---not even the last word on the subject, acc. to the author--, deals with *L. abyssotypica* n. sp. (Tasman basin, 4304m), *L. bythiana* n. sp. (W. Weddell Sea, 3050m), *L. chevreuxi*, *L. cnephatis* n. sp. (S. of Drake Passage, 2375m), *L. consanguinea*, *L. cryptothrix* n. sp. (Kerguelen), (*L. dubia*), *L. eurycradus*, *L. georgiana*, *L. georgiensis* (upgraded to species level), *L. homospora* n. sp. (Weddell Sea, deep water), *L. kerguelensis*, *L. longicornis*, *L. macrodon*, *L. nesiotica* n. sp. (Marion Island= *L. longicornis* s. Bellan-Santini & Ledoyer 1987), *L. octodentata* (with *L. kinahani* var. *falklandica* as junior synonym), *L. permacra* n. sp. (S. of Drake Passage, 3630m), *L. polydeuces* n. sp. (Elephant Island), *L. prionota* n. sp. (Magellan Straits), (*L. proxima*), *L. pseudomacronyx*, *L. quadridentata*, *L. quinquedentata*, *L. rauscherti* n. sp. (E. Weddell Sea), *L. semperhiemalis* n. sp. (E. Weddell Sea), *L. sp. 1* and *L. sp. 2*. A key to Southern Ocean species is provided.)

d'UDEKEM d'ACÓZ, C. & H. ROBERT 2008. Systematic and ecological diversity of amphipods. ---- Pp 48-56 in Gutt, J.(ed.). The Expedition Antarktis-XXIII/8 of the research vessel 'Polarstern' in 2006/2007. ---- *Berichte zur Polar- und Meeresforschung* 569, 48-56.

UGOLINI, A., G. UNGHERESE, S. SOMIGLI, G. GALANTI, D. BARONI, F. BORGHINI, N. CIPRIANI, M. NEBBIAI, M. PASSAPONTI & S. FOCARDI 2008. The amphipod *Talitrus saltator* as a bioindicator of human trampling on sandy beaches. ---- *Marine Environmental Research* 65, 349-357. (*T. saltator* is very sensitive to trampling and thus a good bioindicator.)

VALENCIA, B. & A. GIRALDO 2009. A new species of the genus *Chelorchestia* (Amphipoda, Talitridae) from Palma Island, Malaga Bay, pacific coast of Colombia. ---- *Crustaceana* 82, 1-10. (*Ch. colombiensis* n. sp.)

VALÉRIO-BERARDO, M. T. 2008. Six new species of deep water Ampeliscidae (Crustacea. Amphipoda) from Brazilian coast. ---- *Zootaxa* 1844, 1-24. (Deals with *A. wakabarae* n.sp. (22°04'S, 39°52'W, 1050m), *A. campensis* n. sp. (22°41'S, 40°02'W, 1650m), *A. anae* n. sp. (22°27'S, 40°09'W), *A. minuta* n. sp. (22°31'S, 40°15'W), *Byblis bjornbergae* n. sp. (22°10'S, 39°54'W) and *Haploops meloi* n. sp. (22°02'S, 39°52'W, 1050m)

VALÉRIO-BERARDO, M. T., A. M. T. de SOUZA & C. W. RODRIGUES 2008. Description of two new species of Ischyroceridae (Crustacea; Amphipoda) from the coast of Southeastern Brazil. ---- *Zootaxa* 1857, 55-65. (*Cerapus jonsoni* n. sp. (24°17'S, 46°37'W) and *Notopoma fluminense* n. sp. (22°41'S, 40°20'W).)

VAZQUEZ-LUIS, M., P. SANCHEZ-JEREZ & J. T. BAYLE-SEMPERE 2008. Changes in amphipod (Crustacea) assemblages associated with shallow-water habitats invaded by *Caulerpa racemosa* var. *cylindracea* in the western Mediterranean Sea. ---- *Marine Environmental Research* 65, 416-426.

VÄINÖLÄ, R., J. D. S. WITT, M. GRABOWSKI, J. H. BRADBURY, K. JAZDZEWSKI & B. SKET 2008. Global diversity of amphipods (Amphipoda; Crustacea) in freshwater. ---- *Hydrobiologia* 595, 241-255.

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VONK, R. & F. R. SCHRAM 2007. *Rapaleleupia*, a new name for *Paraleleupia* Vonk and Schram, 2003 (Crustacea: Amphipoda: Ingolfiellidae) preoccupied by *Paraleleupia* Jeannel, 1949 (Insecta: Coleoptera (sic): Staphelinidae: Pselaphinae). ---- *Journal of Crustacean Biology* 27, 693.

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WATSON, M. J., J. K. LOWRY & P. D. STEINBERG 2004. Revision of the Iciliidae (Crustacea: Amphipoda). ---- *The Raffles Bulletin of Zoology* 52, 467-495. (Inadvertently overlooked earlier! Deals with *Icilius australis*, *I. caledonicus* n. sp. (Ilot Maitre, N. Caledonia), *I. crinicolus* n. sp. (Coffs Harbour, NSW, living on crinoids), *I. danae*, *I. ovalis* (the still insufficiently known type species of the genus), *I. pulchellus* n. sp. (Burrill Rocks, NSW, living on sponges and soft corals) and *I. punctatus*. The family Iciliidae belongs in the Iphimedioidea. A key and data on ecology and morphology are provided.)

WATTIER, R. A., J. BEGUET, M. GAILLARD, J. C. MÜLLER, L. BOLLACHE & M.-J. PERROT-MINOT 2006. Molecular markers for systematic identification and population genetics of the invasive Ponto-Caspian freshwater gammarid *Dikerogammarus villosus* (Crustacea, Amphipoda). ---- *Molecular Ecology Notes* 6, 487-489.

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YERMAN, M. N. & T. KRAPP-SCHICKEL 2008. A new genus and two new species of *Saurodocus* (Crustacea: Amphipoda: Melitidae) from Lizard island, Queensland, Australia. --- -- *Zootaxa* 1820, 60-66. (*Saurodocus* n. gen. belongs in the *Ceradocus*-group of the Melitidae. Both the type species, *C. minimarenius* n. sp., and *S. hobbit* n. sp. were collected from Lizard Island.)

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ZIVIC, I. & Z. MARKOVIC 2007. Distribution of the species *Gammarus balcanicus* and *Gammarus fossarum* on the territory of Serbia (central part of the Balkan Peninsula). ---- *Crustaceana* 80, 67-76.

ZYTKOWICZ, J. & J. KOBAC 2008. Relationships between the occurrence of *Chaetogammarus ischnus* (Stebbing, 1898) and *Pontogammarus robustoides* (G. O. Sars,

1894) (Crustacea, Amphipoda) in a lowland Polish dam reservoir. ---- *Oceanological and Hydrobiological Studies* 37 (2), 37-50.

ZYTKOWICZ, J., J. KOBAC, T. KAKAREKO & A. KENTZER 2008. Species composition and distribution on invasive Ponto-Caspian amphipods in the off-channel microhabitats of a temperate lowland dam reservoir. ---- *International Review of Hydrobiology* 93, 62-72.

NEW TAXA IN AMPHIPOD NEWSLETTER 33

ALPHABETICALLY

New families and subfamilies

Alicellidae Lowry & De Broyer, 2008

Maeridae Krapp-Schickel, 2008

Thurstonellidae n. nom. Lowry & Zeidler, 2008

Valettipsidae Lowry & De Broyer, 2008

New genera and subgenera

Alatajassa Conlan, 2007

Australorchestia Serejo & Lowry, 2008

Bellorchestia Serejo & Lowry, 2008

Fidelidiella Jaume, Gracia & Boxshall, 2007

Gbroidea Lowry & Azman, 2008

Hamimaera Krapp-Schickel, 2008

Heterokamaka Ariyama, 2008

Notorchestia Serejo & Lowry, 2008

Podosirus Bellan-Santini, 2007

Racovella Jaume, Gracia & Boxshall, 2007

Rapaleleupia n. nom. Vonk & Schram, 2007

Ruffomaera Krapp-Schickel, 2008

Saurodocus Yerman & Krapp-Schickel, 2008

Thurstonella n. nom. Lowry & Zeidler, 2008

Ischyrocerinae

Orchestiidae

Orchestiidae

Bogidiellidae

Cyproideidae

Maeridae

Kamakidae

Orchestiidae

Eusiridae

Bogidiellidae

Ingolfiellidae

Maeridae

Maeridae

Thurstonellidae

New species and subspecies

abyssotypica d'Udekem d'Acoz, 2008 (*Liljeborgia*)

alba Iannilli, De Matthaeis & Cottarelli, 2008 (*Ingolfiella*)

anae Valério-Berardo, 2008 (*Ampelisca*)

anophthalma Bellan-Santini, 2007 (*Monoculodes*)

anpingensis Miyamoto & Morino, 2008 (*Floresorchestia*)

antarctica Bellan-Santini & Dauvin, 2008 (*Haploops*)

arabiensis Diffenthal & Horton, 2007 (*Stephonyx*)

atlantica Senna & Serejo, 2008 (*Amaryllis*)

atosi Bellan-Santini, 2007 (*Leucothoe*)

bicornuta Bellan-Santini, 2007 (*Oediceropsis*)

bifurcata Horton, 2008 (*Ensayara*)

birramea Jaume, Gracia & Boxshall, 2007 (*Racovella*)

bjornbergae Valério-Berardo, 2008 (*Byblis*)

Liljeborgiidae

Ingolfiellidae

Ampeliscidae

Oedicerotidae

Orchestiidae

Ampeliscidae

Uristidae

Amaryllidae

Leucothoidae

Oedicerotidae

Endevouridae

Bogidiellidae

Ampeliscidae

bonariensis Bond-Buckup, Araujo & Santos, 2008, in Santos et al. 2008 (<i>Hyaella</i>)	Hyaellinae
brasiliensis Senna & Serejo, 2008 (<i>Bonassa</i>)	Lysianassidae
briani Krapp-Schickel, 2008 (<i>Meximaera</i>)	Maeridae
bythiana d'Udekem d'Acoz, 2008 (<i>Liljeborgia</i>)	Liljeborgiidae
cachichoensis Guerra-Garcia, Sorbe & Frutos, 2008 (<i>Liropus</i>)	Caprellidae
cadetta Krapp, Rampin & Libertini, 2008 (<i>Jassa</i>)	Ischyrocerinae
caledonicus Watson, Lowry & Steinberg, 2004 (<i>Icilius</i>)	Iciliidae
campensis Valério-Berardo, 2008 (<i>Ampelisca</i>)	Ampeliscidae
ceduna Serejo & Lowry, 2008 (<i>Protorchestia</i>)	Orchestiidae
cnephatis d'Udekem d'Acoz, 2008 (<i>Liljeborgia</i>)	Liljeborgiidae
colombiensis Valencia & Giraldo, 2009 (<i>Chelorchestia</i>)	Talitridae
concava Senna, 2007 (<i>Lysianopsis</i>)	Lysianassidae
concavimanus Horton, 2008 (<i>Monoliropus</i>)	Caprellidae
crinicolus Watson, Lowry & Steinberg, 2004 (<i>Icilius</i>)	Iciliidae
cryptothrix d'Udekem d'Acoz, 2008 (<i>Liljeborgia</i>)	Liljeborgiidae
cuspidulus Horton, 2008 (<i>Podocerus</i>)	Podoceridae
danai Senna & Serejo, 2008 (<i>Lysianassa</i>)	Lysianassidae
dingaalana Lowry & Azman, 2008 (<i>Gbroidea</i>)	Cyproideidae
fluminense Valério-Berardo, de Souza & Rodrigues (<i>Notopoma</i>)	Ischyrocerinae
habanensis Ortiz, Lalana & Varela, 2008 (<i>Hornellia</i>)	Melphidippidae
hendrickxi Winfield & Alvarez, 2009 (<i>Leucothoe</i>)	Leucothoidae
hobbit Yerman & Krapp-Schickel, 2008 (<i>Saurodocus</i>)	Maeridae
homospora d'Udekem d'Acoz, 2008 (<i>Liljeborgia</i>)	Liljeborgiidae
horsti Lörz, 2008 (<i>Epimeria</i>)	Epimeriidae
isahayae Ariyama, 20078 (<i>Heterokamaka</i>)	Kamakidae
izmirensis Özbek, 2007 (<i>Gammarus</i>)	Gammaridae
jindoensis Kim & Lee, 2008 (<i>Paradexamine</i>)	Dexaminidae
jonsoni Valério-Berardo, de Souza & Rodrigues (<i>Cerapus</i>)	Ischyrocerinae
kalaupapa Longenecker & Bolick, 2007 (<i>Pseudambasia</i>)	Lysianassidae
lobata Serejo & Lowry, 2008 (<i>Notorchestia</i>)	Orchestiidae
marlo Serejo & Lowry, 2008 (<i>Transorchestia</i>)	Orchestiidae
meloi Valério-Berardo, 2008 (<i>Haploops</i>)	Ampeliscidae
minimarensis Yerman & Krapp-Schickel, 2008 (<i>Saurodocus</i>)	Maeridae
minuta Valério-Berardo, 2008 (<i>Ampelisca</i>)	Ampeliscidae
mississippiana Soliman & Wicksten, 2007 (<i>Ampelisca</i>)	Ampeliscidae
naturaliste Serejo & Lowry, 2008 (<i>Notorchestia</i>)	Orchestiidae
nauarchuncus Horton, 2008 (<i>Birubius</i>)	Phoxocephalidae
nesiotica d'Udekem d'Acoz, 2008 (<i>Liljeborgia</i>)	Liljeborgiidae
occidentalis Serejo & Lowry, 2008 (<i>Australorchestia</i>)	Orchestiidae
ortizi Winfield & Alvarez, 2009 (<i>Leucothoe</i>)	Leucothoidae
paraplatensis Serejo & Lowry, 2008 (<i>Platorchestia</i>)	Orchestiidae
pectinata Jaume, Gracia & Boxshall (<i>Fidelidiella</i>)	Bogidiellidae
penai Pérez-Schultheiss & Crespo, 2008. (<i>Parhyaella</i>)	Dogielinotinae
permacra d'Udekem d'Acoz, 2008 (<i>Liljeborgia</i>)	Liljeborgiidae
pico Bellan-Santini, 2007 (<i>Harpinia</i>)	Phoxocephalidae
polydeuces d'Udekem d'Acoz, 2008 (<i>Liljeborgia</i>)	Liljeborgiidae
portuguesi Bellan-Santini, 2007 (<i>Xenodice</i>)	Podoceridae
preciosus Wang, Hou & Li, 2009 (<i>Gammarus</i>)	Gammaridae
prionota d'Udekem d'Acoz. 2008 (<i>Liljeborgia</i>)	Liljeborgiidae

pulchellus Watson, Lowry & Steinberg, 2004 (<i>Icilius</i>)	Iciliidae
rauscherti d'Udekem d'Acoz, 2008 (<i>Liljeborgia</i>)	Liljeborgiidae
richardsoni Serejo & Lowry, 2008 (<i>Bellorchestia</i>)	Orchestiidae
rainbowi Bellan-Santini, 2007 (<i>Stenopleustes</i>)	Pleustidae
semperhiemalis d'Udekem d'Acoz, 2008 (<i>Liljeborgia</i>)	Liljeborgiidae
similis Conlan, 2007 (<i>Alatajassa</i>)	Ischyroceridae
vaderi Bellan-Santini, 2007 (<i>Podosirus</i>)	Eusiridae
wakabarae Valério-Berardo, 2008. (<i>Ampelisca</i>)	Ampeliscidae
wakabarae Souza-Filho & Serejo, 2008 (<i>Curidia</i>)	Ochlesidae
wimvaderi Ortiz, Lalana & Varela, 2007 (<i>Rhachotropis</i>)	Eusiridae
yamana Chiesa & Alonso de Pina (<i>Uristes</i>)	Uristidae
yehyuensis Miyamoto & Morino, 2008 (<i>Floresorchestia</i>)	Orchestiidae
zeidleri Krapp-Schickel, 2008 (<i>Linguimaera</i>)	Maeridae

TAXONOMICALLY

Alicellidae

Amaryllidae

Amaryllis **atlantica**

Ampeliscidae

Ampelisca **anae, campensis, minuta, mississippiana, wakabarae**

Byblis **bjornbergae**

Haploops **antarctica, meloi**

Bogidiellidae

Fidelidiella pectinata

Racovella uniramea

Caprellidae

Liropus **cachichoensis**

Monoliropus **concavimanus**

Cyproideidae

Gbroidea dingaalana

Dexaminidae

Paradexamine **jindoensis**

Dogielinotinae

Parhyalella **penai**

Endevouridae

Ensayara **bifurcata**

Epimeriidae

Epimeria **horsti**

Eusiridae

Podosirus vaderi

Rhachotropis **wimvaderi**

Gammaridae

Gammarus **izmirensis, preciosus**

Hyalellinae

Hyalella **bonariensis**

Iciliidae

Icilius **caledonicus, crinicolus, pulchellus**

Ingolfiellidae

	<i>Ingolfiella</i> alba
	Rapaleleupia
Ischyrocerinae	
	Alatajassa similis
	<i>Cerapus</i> jonsoni
	<i>Jassa</i> cadetta
	<i>Notopoma</i> fluminense
Kamakidae	
	Heterokamaka isahayae
Leucothoidae	
	<i>Leucothoe</i> atosi, hendrickxi, ortizi
Liljeborgiidae	
	<i>Liljeborgia</i> abyssotypica, bythiana, cnephatis, cryptothrix, homospora, nesiotica, permacra, polydeuces, prionota, rauscherti, semperhiemalis
Lysianassidae	
	<i>Bonassa</i> brasiliensis
	<i>Lysianassa</i> danai
	<i>Lysianopsis</i> concava
	<i>Pseudambasia</i> kalaupapa
Maeridae	
	Hamimaera
	<i>Linguimaera</i> zeidlereri
	<i>Meximaera</i> briani
	Ruffomaera
	Saurodocus hobbit, minimarenius
Melphidippidae	
	<i>Hornellia</i> habanensis
Ochlesidae	
	<i>Curidia</i> wakabarae
Oedicerotidae	
	<i>Monoculodes</i> anophthalma
	<i>Oediceropsis</i> bicornuta
Orchestiidae	
	Autralorchestia occidentalis
	Bellorchestia richardsoni
	<i>Chelorchestia</i> colombiensis
	<i>Floresorchestia</i> anpingensis, yehyuensis
	Notorchestia lobata, naturaliste
	<i>Platorchestia</i> paraplatensis
	<i>Protorchestia</i> ceduna
	<i>Transorchestia</i> marlo
Phoxocephalidae	
	<i>Birubius</i> nauarchuncus
	<i>Harpinia</i> pico
Pleustidae	
	<i>Stenopleustes</i> rainbowi
Podoceridae	
	<i>Podocerus</i> cuspiclunus
	<i>Xenodice</i> portuguesi
Thurstonellidae	

Thurstonella

Uristidae

Stephonyx **arabiensis**Uristes **yamana****Valettipsidae**